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1652

PATENT  
ATTORNEY DOCKET NO.: CIT1510-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Cope et al. Art Unit: 1652  
Application No.: 10/047,253 Examiner: Y. Pac  
Filed: January 14, 2002 Confirmation No.: 6270  
Title: REGULATION OF TARGET PROTEIN ACTIVITY THROUGH  
MODIFIER PROTEINS

MAIL STOP NON-FEE AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Office Action mailed December 4, 2003 (13 pgs.);
2. Cope et al., "Role of Predicted Metalloprotease Motif of Jab1/Csn5 in Cleavage of Nedd8 from Cull1", *Science*, 298:608-611 (2002) (4 pgs.);
3. Maytal-Kivity et al., "MPN+, a putative catalytic motif found in a subset of MPN domain proteins from eukaryotes and prokaryotes, is critical for Rpn11 function", *BMC Biochemistry*, 3:28 (2002) (12 pgs.);
4. Verma et al., "Role of Rpn11 Metalloprotease in Deubiquitination and Degradation by the 26S Proteasome", *Science*, 298:611-615 (2002) (5 pgs.);
5. Lam et al., "Editing of ubiquitin conjugates by an isopeptidase in the 26S proteasome", *Nature*, 385(6618):737-740 (1997), Abstract (1 pg.); and
6. Return Receipt Postcard.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, March 4, 2004, in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregory P. Austin  
(Name of Person Mailing Paper)

*Gregory P. Austin*  
(Signature)

March 4, 2004  
(Date)

In re Application of:  
Cope et al.  
Application No.: 10/047,253  
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Applicants claim **SMALL ENTITY** status in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The Fee for this Response is calculated as follows:

For	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity Rate	Large Entity Rate	Calculations
Total Claims	31	71	0	x \$09	x \$18	\$0
Independent Claims	1	7	0	x \$43	x \$86	\$0
Multiple Claims	-	-		\$145	\$290	\$0
					<b>TOTAL FEE</b>	<b>\$0</b>

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any required fee associated with the filing submitted herewith, or credit any overpayments, to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: March 4, 2004



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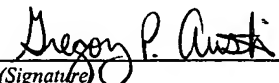
**RESPONSE TO OFFICE ACTION**

Sir:

Responsive to the Office Action mailed herein on December 4, 2003, please consider the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page two of this paper.

Remarks/Arguments begin on page seven of this paper.

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Gregory P. Austin (Name of Person Mailing Paper)	
 (Signature)	March 4, 2004 (Date)